

| Ref # | Hits    | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|---|------------------|---------|------------------|
| S1    | 4       | "60421263"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/04 14:16 |
| S2    | 1357280 | alkyl(meth)acrylate adj polymer   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/01 14:02 |
| S3    | 1355230 | alkyl(meth)acrylate adj polymer and fluid   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/01 12:03 |
| S4    | 1354790 | alkyl(meth)acrylate adj polymer and functional adj fluid  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/01 12:03 |
| S5    | 1354790 | alkyl(meth)acrylate adj polymer and functional adj fluid and hydraulic adj oil  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/01 12:03 |
| S6    | 1354790 | alkyl(meth)acrylate adj polymer and functional adj fluid and hydraulic adj oil and ethylenically adj unsaturated adj ester  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/01 12:04 |
| S8    | 1484805 | alkyl(meth)acrylate adj polymer and (functional adj fluid) and (hydraulic adj oil) and (ethylenically adj unsaturated adj ester) and organophosphorous or (carboxylic adj acid) or (polyether adj polyol) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/01 12:06 |
| S9    | 355467  | alkylmethacrylate adj polymer and functional adj fluid and hydraulic adj oil and ethylenically adj unsaturated adj ester and organophosphorous or (carboxylic adj acid) or (polyether adj polyol)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/01 12:07 |

|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S10 | 355467 | (alkyl adj meth adj acrylate adj polymer) and functional adj fluid and hydraulic adj oil and ethylenically adj unsaturated adj ester and organophosphorous or (carboxylic adj acid) or (polyether adj polyol)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 12:08 |
| S11 | 388468 | (alkyl adj meth adj acrylate adj polymer) and functional adj fluid and hydraulic adj oil and ethylenically adj unsaturated adj ester and organophosphorous or (carboxylic adj acid) or (polyether adj polyol) and (fire adj resistant) or (flame adj retardant) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 12:10 |
| S13 | 23101  | (fire adj resistant) or (flamre adj retardant) and (alkyl adj meth adj acrylate adj polymer) and (ethylenically adj unsaturated adj ester)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 12:12 |
| S14 | 23101  | (fire adj resistant) or (flame adj retardant) and (alkyl adj meth adj acrylate adj polymer) and (ethylenically adj unsaturated adj ester)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 12:12 |
| S15 | 1      | S14 and organophosphorous and (carboxylic adj acid adj ester) and (polyether adj polyol)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 12:13 |
| S16 | 223    | S14 and (organophosphorous or (carboxylic adj acid adj ester) or (polyether adj polyol))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 16:15 |
| S17 | 16     | S16 and hydraulic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 13:59 |
| S18 | 966    | functional adj fluid and hydraulic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 13:59 |

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| S19 | 220     | functional adj fluid and fire   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 14:00 |
| S20 | 6       | functional adj fluid and fire and<br>(alkyl adj meth adj acrylate)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 14:01 |
| S21 | 26      | ("3487020"   "3592772"  <br>"3679587"   "3718596"   "3723320"<br>  "3849324"   "3907697"  <br>"3931022"   "3941708"   "3983046"<br>  "4181619"   "4206067"  <br>"4302346"   "5035824"   "5205951"<br>  "5464551"   "5817606"  <br>"6030543"   "6254799"   "6319423"<br>  "6391225"   "RE37101").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/01 14:01 |
| S22 | 1354805 | alkyl(meth)acrylate adj polymer and<br>fire and fluid   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 14:03 |
| S23 | 1376833 | alkyl(meth)acrylate adj polymer and<br>(fire adj retardant) or (fire adj<br>resistant) or (flame adj<br>retardant)and fluid   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 14:04 |
| S24 | 81      | (functional adj fluid) and (fire adj<br>resistant) or (flame adj retardant)<br>and (alkyl adj meth adj acrylate adj<br>polymer) and (carboxylic adj acid<br>adj ester)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 14:22 |
| S25 | 455     | alkylmethacrylate adj polymer and<br>(fire adj resistant) or (flame adj<br>retardant) and (carboxylic adj acid<br>adj ester)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 14:38 |
| S26 | 487     | methacrylate adj polymer and (fire<br>adj resistant) or (flame adj<br>retardant) and (carboxylic adj acid<br>adj ester)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 14:39 |

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S28 | 33  | methacrylate adj polymer and (fire adj resistant) or (flame adj retardant) and (carboxylic adj acid adj ester)and (olefinically adj unsaturated adj monomer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 14:46 |
| S29 | 32  | methacrylate adj polymer and (fire adj resistant) or (flame adj retardant) and (carboxylic adj acid adj ester)and butylmethacrylate and heptylmethacrylate   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:06 |
| S30 | 487 | methacrylate adj polymer and (fire adj resistant) or (flame adj retardant) and (carboxylic adj acid adj ester)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:07 |
| S31 | 35  | methacrylate adj polymer and (fire adj resistant) or (flame adj retardant) and (carboxylic adj acid adj ester) AND (FUNCTIONAL ADJ FLUID)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:24 |
| S32 | 9   | (methacrylate adj polymer) and (functional adj fluid) and fire   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:16 |
| S33 | 0   | fire and fluid and (methacrylate adj polymer) and butylmethacrylate and octylmethacrylate and methylmethacrylate   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:25 |
| S34 | 0   | fire and fluid and (methacrylate adj polymer) and butylmethacrylate and octylmethacrylate and methylmethacrylate   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:25 |
| S35 | 0   | fire and fluid and (methacrylate adj polymer) and butylmethacrylate and octylmethacrylate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:25 |

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S36 | 0    | fire and fluid and (methacrylate adj polymer) and methylmethacrylate and octylmethacrylate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:26 |
| S37 | 0    | fire and fluid and (methacrylate adj polymer) and methylmethacrylate and heptylmethacrylate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:26 |
| S38 | 14   | fire and fluid and (methacrylate adj polymer) and methylmethacrylate                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:31 |
| S39 | 9    | (methacrylate adj polymer) and functional adj fluid and fire                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:39 |
| S40 | 295  | (methacrylate adj polymer) and fire   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 16:31 |
| S41 | 2    | ("0000252").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:47 |
| S42 | 2105 | (252/70).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:48 |
| S43 | 1086 | (252/601,602).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:49 |

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S44 | 4     | S43 and methacrylate adj polymer  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 16:01 |
| S45 | 28    | "3718596"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 16:01 |
| S46 | 29    | (fire or flame) and (methacrylate adj polymer) and (organophosphorous or (carboxylic adj acid adj ester))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 16:32 |
| S47 | 125   | (methacrylate adj polymer) and phosphorous and (fire or flame)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 17:18 |
| S48 | 83    | fire adj resistant adj fluid  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 17:19 |
| S49 | 64401 | acrylate and (fire adj retardant) or (flame adj retardant) or (flame adj resistant) or (fire adj resistant) and polymer | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 13:34 |
| S50 | 3710  | S49 and phosphorous   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 13:38 |
| S51 | 7     | S50 and (functional adj fluid)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 13:35 |

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S52 | 495  | S49 and phosphorous and fluid   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 13:38 |
| S53 | 0    | (alkylmethacrylate adj polymer) and (functional adj fluid) and (hydraulic adj oil) and (ethylenically adj unsaturated adj ester) and (organophosphorous or (carboxylic adj acid) or (polyether adj polyol)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 13:51 |
| S54 | 12   | (methacrylate adj polymer) and (fire or flame) and hydraulic and (organophosphorous or (carboxylic adj acid) or (polyether adj polyol))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 13:53 |
| S55 | 266  | (methacrylate adj polymer) and (fire or flame)and (organophosphorous or (carboxylic adj acid) or (polyether adj polyol))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 13:55 |
| S56 | 2271 | (meth adj acrylate) and polymer and (fire or flame)and (organophosphorous or (carboxylic adj acid) or (polyether adj polyol))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 13:55 |
| S57 | 94   | (meth adj acrylate) and polymer and (fire or flame)and (organophosphorous or (carboxylic adj acid) or (polyether adj polyol)) and hydraulic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 14:11 |
| S58 | 406  | (meth adj acrylate) and polymer and (fire or flame)and (organophosphorous or (carboxylic adj acid) or (polyether adj polyol)) and fluid   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 14:16 |
| S59 | 2096 | (meth adj acrylate) and polymer and (organophosphorous or (carboxylic adj acid) or (polyether adj polyol)) and fluid  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 14:17 |

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S60 | 1445 | astm and (fire or flame) and (meth adj acrylate)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 16:15 |
| S61 | 296  | astm and (fire or flame) and (meth adj acrylate) and fluid   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 16:15 |
| S62 | 0    | (functional adj fluid) and (meth adj acrylate) and (adipic or azelaic or sebacic or pthalate or dodecanoic) adj acid and diester | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/03 10:05 |
| S63 | 83   | fluid and (meth adj acrylate) and (adipic or azelaic or sebacic or pthalate or dodecanoic) adj acid and diester                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/03 10:05 |
| S64 | 4    | (meth adj acrylate) and (astm adj d adj "92")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 14:30 |
| S65 | 300  | (kinematic adj viscosity) and (astm adj d adj "445")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 14:34 |
| S66 | 19   | (kinematic adj viscosity) and (astm adj d adj "445") and (meth adj acrylate) and polymer   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 14:48 |
| S67 | 5    | (kinematic adj viscosity near6 "40") and (astm adj d adj "445") and (meth adj acrylate) and polymer                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:01 |